

Title (en)
ADHESION PROMOTING AND/OR DUST SUPPRESSION COATING

Title (de)
HAFTFÖRDERNDE UND/ODER STAUBUNTERDRÜCKENDE BESCHICHTUNG

Title (fr)
REVÊTEMENT DE PROMOTION D'ADHÉRENCE ET/OU DE SUPPRESSION DE POUSSIÈRE

Publication
EP 3129411 A1 20170215 (EN)

Application
EP 15718714 A 20150410

Priority

- US 201461977970 P 20140410
- US 2015025268 W 20150410

Abstract (en)
[origin: WO2015157612A1] An adhesion promoter coating composition includes an oligomeric alkylalkoxysiloxane and a compound comprising an electrophile moiety and an alkoxy silyl moiety. The electrophile moiety may contain a sulfide functional group, for example. A dust suppression coating composition includes an acrylic polymer comprising a quaternary ammonium moiety; and an oligomeric alkylalkoxysiloxane. The coating composition may be applied to roofing granules, and/or asphaltic compositions, among other things.

IPC 8 full level
C08F 20/34 (2006.01); **C08F 265/00** (2006.01); **C09D 7/46** (2018.01); **C09D 133/14** (2006.01)

CPC (source: CN EP KR US)
C08F 220/1808 (2020.02 - CN EP US); **C08F 255/10** (2013.01 - US); **C08G 77/14** (2013.01 - CN KR); **C08G 77/18** (2013.01 - CN KR); **C08G 77/28** (2013.01 - CN KR); **C08K 5/372** (2013.01 - KR); **C08K 9/02** (2013.01 - KR); **C08K 9/04** (2013.01 - KR); **C08L 33/08** (2013.01 - KR); **C08L 83/06** (2013.01 - CN EP KR US); **C08L 83/08** (2013.01 - CN EP KR US); **C08L 95/00** (2013.01 - CN KR); **C09D 109/00** (2013.01 - US); **C09D 133/068** (2013.01 - CN EP KR US); **C09D 133/08** (2013.01 - US); **C09D 183/06** (2013.01 - CN EP KR US); **C09D 183/08** (2013.01 - CN EP KR US); **C09D 195/00** (2013.01 - KR); **C09J 109/00** (2013.01 - US); **C09J 133/08** (2013.01 - US); **E04D 1/20** (2013.01 - US); **C08F 220/1808** (2020.02 - KR); **C08G 77/14** (2013.01 - EP US); **C08G 77/18** (2013.01 - EP US); **C08G 77/28** (2013.01 - EP US); **C08L 95/00** (2013.01 - EP US); **C08L 2205/02** (2013.01 - CN); **E04D 1/20** (2013.01 - CN EP KR); **E04D 2001/005** (2013.01 - CN EP KR US)

Citation (search report)
See references of WO 2015157615A1

Cited by
US2022162487A1

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Designated extension state (EPC)
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WO 2015157612 A1 20151015; CA 2945321 A1 20151015; CA 2945321 C 20220726; CA 2945322 A1 20151015; CN 106164187 A 20161123; CN 106170520 A 20161130; EP 3129411 A1 20170215; EP 3129411 B1 20210707; EP 3129440 A1 20170215; EP 3129440 B1 20210616; JP 2017515936 A 20170615; JP 2017518393 A 20170706; KR 102394762 B1 20220509; KR 102411642 B1 20220622; KR 20160143750 A 20161214; KR 20160143751 A 20161214; MX 2016013183 A 20170116; MX 2016013185 A 20170116; US 10703927 B2 20200707; US 2017029649 A1 20170202; US 2017037273 A1 20170209; WO 2015157615 A1 20151015

DOCDB simple family (application)
US 2015025262 W 20150410; CA 2945321 A 20150410; CA 2945322 A 20150410; CN 201580018908 A 20150410; CN 201580018909 A 20150410; EP 15718329 A 20150410; EP 15718714 A 20150410; JP 2016561360 A 20150410; JP 2016561836 A 20150410; KR 20167030933 A 20150410; KR 20167030935 A 20150410; MX 2016013183 A 20150410; MX 2016013185 A 20150410; US 2015025268 W 20150410; US 201515302870 A 20150410; US 201515302885 A 20150410